RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/785,168A_

Source: _1Fwo_

Date Processed by STIC: _12/3/04_

ENTERED

IFWO

RAW SEQUENCE LISTING   DATE: 12/03/2004
PATENT APPLICATION: **US/10/785,168A**   TIME: 10:13:09

    Input Set : **A:\seqlst.txt**
    Output Set: **N:\CRF4\12032004\J785168A.raw**

```
 4 <110> APPLICANT: Joseph R. Testa
 5        Yasuhiro Mitsuuchi
 6        Poulikos Poulikakos
 8 <120> TITLE OF INVENTION: MODULATION OF APPL EXPRESSION
11 <130> FILE REFERENCE: 0149 FCCC 99-04
13 <140> CURRENT APPLICATION NUMBER: 10/785,168A
14 <141> CURRENT FILING DATE: 2004-02-23
16 <150> PRIOR APPLICATION NUMBER: PCT/US02/27018
17 <151> PRIOR FILING DATE: 2002-08-23
19 <150> PRIOR APPLICATION NUMBER: 60/314,530
20 <151> PRIOR FILING DATE: 2001-08-23
22 <160> NUMBER OF SEQ ID NOS: 8
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 18
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: synthetic sequence
34 <400> SEQUENCE: 1
35  tccccggcat cgtggcgg                                    18
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 16
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: synthetic sequence
45 <400> SEQUENCE: 2
46  gaccttgtct gcgggc                                      16
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 21
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: synthetic sequence
56 <400> SEQUENCE: 3
57  gtgtgttgct gcacttaatt c                                21
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 32
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: synthetic sequence
```

RAW SEQUENCE LISTING   DATE: 12/03/2004
PATENT APPLICATION: **US/10/785,168A**   TIME: 10:13:09

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```
67 <400> SEQUENCE: 4
68  gggcagcttg tcgatccccg gcatcgtggc gg                              32
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 18
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: synthetic sequence
78 <400> SEQUENCE: 5
79  tgggcggcta cgtgcgcg                                             18
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 21
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Combined DNA/RNA sequence (siRNA with thymidine
88       tag)
```
-> 90 <221> **NAME/KEY: misc_feature**
```
91 <222> LOCATION: (0)...(0)
92 <223> OTHER INFORMATION: n is thymidine
```
-> 94 **<400> 6**
-> 95 **gaugccacag cuauuuccan n**   **21**
```
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 21
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: synthetic sequence
105 <400> SEQUENCE: 7
106  cagtcgcgtt tgcgactggt t                                        21
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 93
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic sequence
116 <400> SEQUENCE: 8
117  aaaaaagtcc actggaagca gctaccaacc aacctcaagc ttcaagtcgg ttgatagctg   60
118  cttccagtag acggtgtttc gtcctttcca caa                           93
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/03/2004
PATENT APPLICATION: US/10/785,168A   TIME: 10:13:10

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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 20,21

VERIFICATION SUMMARY   DATE: 12/03/2004
PATENT APPLICATION: **US/10/785,168A**   TIME: 10:13:10

Input Set : **A:\seqlst.txt**
Output Set: **N:\CRF4\12032004\J785168A.raw**

L:90 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:94 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0